

Subject : Cockpit air suction (Mandl) device

Effectivity Type : LS8
Variants : LS8, LS8-a, LS8-b, LS8-18, LS8-s, LS8-sb, LS8-t, all serial numbers

Accomplishment : None, optional.

Reason : A cockpit air suction device has been developed. The device will extract the cockpit air at a specific point from the fuselage so that the air can't leave the fuselage through the canopy gaps. Thus the suction device will improve the cockpit ventilation and enhance gliding performance.

Instructions : 1. Installation: see working instruction No. 1 for TN8018 and drawing BR-256.

Material : 1. Working instruction No. 1 for TN8018
2. Drawings 3BR-256 and 4BR-259
3. Suction scoop 3BR-257, art. no. 20160920
4. Cover 4BR-258, art. no. 20160910
5. Ventilation grid 45 mm, 3 Pcs, art. no. 60000345
6. Epoxyresin/hardener: Hexion EPIKOTE TM Resin MGS LR 285 with EPIKURE TM Curing Agent MGS LH 286
7. Filler: chopped cotton fibers FL-1f
8. Instant glue or Uhu Plus
9. Double-side tape
10. Suitable white tape

Weight and balance : Influence negligible

Remarks : Instruction No. 1:
1. EASA countries: The actions have to be performed in a Part -145 approved organisation, or in a Part M, Subpart F approved organisation according to the regulations of the Part M and released according to M.A.801.
2. Non EASA countries: The actions have to be performed in a licensed workshop. All instructions are to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal,
date: Oct. 11, 2010

Author: W.Dirks

Modifications approved by EASA Date 22. November 2010
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